

# ADDITIONS TO THE PLANTS OF CORBETT NATIONAL PARK, U.P.<sup>1</sup>

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In the present paper 256 species are added to the list of plants of Corbett National Park.

Under the programme of working out the flora of National Parks and Game sanctuaries Northern Circle of the Botanical Survey of India undertook a project for preparing a complete floristic account of the Corbett National Park (Nainital and Garhwal District) in north western U.P. Before the final preparation of the account covering all aspects it has been felt necessary to prepare check-lists for correlating ecological and other observations.

From the initial two explorations conducted, the senior author published a list of plants of Corbett National Park comprising of 232 species. Later more collections were gathered from the area by K. P. Janardhanan in 1972. Critical study of the specimens continued and materials were gradually housed in the BSD Herbarium. As a result of subsequent exploration two notes relating to interesting distribution of species and new records were published (Janardhanan & Prasad 1975 & Janardhanan and Uniyal 1973). In addition to the earlier list 256 species reported in this paper turned out to be the additions to the previous list.

The additional plants species collected are enumerated here according to their habit.

## TREES

*Alangium salvifolium* (L.F.) Wang  
*Albizia procera* Benth.  
*Bridelia verrucosa* Haines  
*Buchanania lanzan* Spreng.  
*Butea monosperma* (Lamk.) Taub.  
*Casearia elliptica* Willd.

*Cassine glauca* (Rottb.) Kuntze  
*Clausena pentaphylla* DC.  
*Cordia dichotoma* Forst. f.  
*C. vestita* Hook. f. & Thoms.  
*Crataeva adansonii* DC. ssp. *odora* (Buch.-Ham.)  
Jacobs.  
*Drypetes roxburghii* (Wall.) Hurus.  
*Ehretia acuminata* R. Br.  
*Embelia tsjeriam-cottam* (Roem. & Sch.) A. DC.  
*Erythrina suberosa* Roxb.  
*Ficus arnottiana* Miq.  
*F. hispida* L.f.  
*F. infectoria* Roxb.  
*F. racemosa* L.  
*F. rumphii* Blume  
*F. semicordata* Buch.-Ham.  
*Flacourtia indica* (Burm. f.) Merr.  
*Garuga pinnata* Roxb.  
*Grewia elastica* Royle  
*Lannea coromandelica* (Houtt.) Merr.  
*Litsea glutinosa* (Lour.) C. B. Robins.  
*L. monopetala* (Roxb) Pers.  
*Milusa velutina* Hook. f. et Thoms.  
*Morus alba* L.  
*Nyctanthes arbor-tristis* L.  
*Phoebe lanceolata* Nees  
*Pongamia pinnata* (L.) Pierre  
*Premna barbata* Wall. ex Schauer  
*P. latifolia* Roxb. var. *Mucronata* (Roxb.) Clarke  
*Quercus leucotrichophora* A. Camus ex Bahadur  
*Sapium insigne* Trimen  
*Schleichera oleosa* (Lour.) Oken.  
*Stereospermum suaveolens* DC.  
*Syzygium cerasioides* (Roxb.) Chatt. & Kanjilal  
*Terminalia bellerica* (Gaertn.) Roxb.  
*T. chebula* Retz.  
*Toona ciliata* Roem.  
*Wrightia tomentosa* (Roxb.) R. & S.  
*Ziziphus glaberrima* Santapau

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PLANTS OF CORBETT NATIONAL PARK

SHRUBS

*Acacia pseudo-eburnea* J. R. Drumm.  
*Antidesma diandrum* Roth  
*Ardisia humilis* Vahl  
*Asparagus racemosus* Willd.  
*Azanza lampas* (Cav.) Alef.  
*Boehmeria macrophylla* D. Don  
*Calotropis gigantea* (L.) R. Br.  
*C. procera* (Ait.) R. Br.  
*Caryopteris wallichiana* Schauer  
*Coffea bengalensis* Heyne ex R. & S.  
*Combretum nanum* Buch.-Ham. ex D. Don  
*Datura metel* L.  
*Debregeasia hypoleuca* Wedd.  
*Gardenia turgida* Roxb.  
*Grewia sapida* Roxb.  
*Indigofera cassioides* Rottl. ex. DC.  
*Ipomoea fistulosa* Mart. ex Choisy  
*Jatropha curcas* L.  
*Lantana camara* L. var. *aculeata* (L.) Moldenke  
*Leucomeris spectabilis* D. Don  
*Moghania macrophylla* (Willd.) O. Ktze.  
*Phlogacanthus thyrsoiflorus* Nees  
*Rubus niveus* Thunb.  
*Solanum indicum* L.  
*Vitex negundo* L.

HERBS

*Ajuga bracteosa* Wall. ex Benth.  
*A. macrosperma* Wall. ex Benth.  
*Artemisia parviflora* Buch.-Ham. ex Roxb.  
*Asystasia macrocarpa* Nees  
*Baliospermum montanum* (Willd.) Muell.-Arg.  
*Biophytum sensitivum* (L.) DC.  
*Blumea fistulosa* (Roxb.) Kurz.  
*B. laciniata* (Roxb.) DC.  
*B. mollis* (D. Don) Merr.  
*B. oxyodonta* (Wall.) DC.  
*Campanula colorata* Wall. ex Roxb.  
*Chirita pumila* D. Don  
*Cirsium arvense* (L.) Scop.  
*Clinopodium umbrosum* (M. Bieb.) C. Koch  
*Costus speciosus* Sm.

*Cotula anthemoides* L.  
*Crotalaria medicaginea* Lamk.  
*C. prostrata* Rottl. ex Willd.  
*Curcuma angustifolia* Roxb.  
*Cynoglossum zeylanicum* (Vahl) Thunb. ex Lehm.  
*Desmodium microphyllum* (Thunb.) DC.  
*D. triflorum* (L.) DC.  
*Eclipta prostrata* (L.) L.  
*Eranthemum nervosum* (Vahl) R. Br.  
*Erigeron asteroides* Roxb.  
*Eulophia dabia* (D. Don) Hochr.  
*Euphorbia geniculata* Orteg.  
*Gnaphalium luteo-album* L.  
*Hartmannia rosea* G. Don  
*Hedychium ellipticum* Hamilt. ex Rees  
*Hedyotis pinifolia* Wall. ex G. Don  
*Heliotropium strigosum* Willd.  
*Hemigraphis rupestris* Heyne ex T. Andr.  
*Hypericum japonicum* Thunb.  
*Kohautia gracilis* (Wall.) DC.  
*Lactuca dissecta* D. Don  
*Laggera falcata* (D. Don) O. Ktze  
*Lepidagathis cuspidata* (Wall.) Nees  
*Leucas hyssopifolia* Benth.  
*Lindernia cordifolia* (Colsm.) Merr.  
*L. crustacea* (L.) F. V. Muell.  
*L. sessiliflora* (Benth.) Wettst.  
*L. viscosa* (Hornem.) Boldingh  
*Lobelia heyneana* Roem. & Sch.  
*Mazus delavayi* Bonati  
*Mollugo pentaphylla* L.  
*Mosla dianthera* (Buch.-Ham. ex Roxb.) Maxim.  
*Oldenlandia corymbosa* L.  
*Orthosiphon rubicundus* Benth.  
*Pachystoma senile* Reichb. f.  
*Persicaria nepalensis* (Meissn.) H. Gross.  
*Peucedanum dana* Buch.-Ham. ex Clarke  
*Phyllanthus debilis* Klein. ex Willd.  
*Physalis minima* L. var. *indica* Clarke  
*Plumbago zeylanica* L.  
*Polygala crotalarioides* Buch.-Ham. ex DC.  
*Polygonum plebejum* R. Br.  
*P. serrulatum* Lagasc.  
*P. stagninum* Buch.-Ham. ex Meissn.

*Portulaca oleracea* L.  
*Potentilla indica* (Andr.) Wolf.  
*Psilotrichum ferrugineum* (Roxb.) Moq.  
*Saussurea heteromalla* (D. Don) Hand.-Mazz.  
*Senecio chrysanthemoides* DC.  
*S. nudicaulis* Buch.-Ham. ex D. Don  
*Sonchus arvensis* L.  
*Sonerila tenera* Royle  
*Sphaeranthus indicus* L.  
*Tephrosia purpurea* Pers.  
*Verbascum chinense* (L.) Sant.  
*Vernonia squarrosa* (D. Don) Less.  
*Vicoa vestita* Benth. ex Hook. f.  
*Youngia japonica* (L.) DC.  
*Zingiber capitatum* Roxb.  
*Z. roseum* (Roxb.) Rosc.

*Microstegium ciliatum* (Trin.) A. Camus  
*Narenga porphyrocoma* (Hance) Bor  
*Neyraudia arundinacea* (L.) Henr.  
*Oplismenus burmannii* (Retz.) P. Beauv.  
*Panicum antidotale* Retz.  
*P. austroasiaticum* Ohwi.  
*P. montanum* Roxb.  
*Phragmites karka* (Retz.) Trin. ex Steud.  
*Pogonatherum paniceum* (Lamk.) Hack.  
*Pseudosorghum fasciculare* (Roxb.) A. Camus  
*Rottboellia exaltata* L.f.  
*Saccharum bengalense* Retz.  
*Setaria barbata* (Lamk.) Kunth  
*S. geniculata* (Lamk.) P. Beauv.  
*S. homonyma* (Steud.) Chiov.  
*S. pallide-fusca* (Schum.) Stapf et C. E. Hubb.  
*Themeda quadrivalvis* (L.) O. Ktz.

GRASSES

*Aristida cyanantha* Nees ex Steud.  
*Arthraxon lancifolius* (Trin.) Hochst.  
*Arundinella bengalensis* (Spreng.) Druce  
*A. nepalensis* Trin.  
*A. pumila* (Hochst.) Steud.  
*Arundo donax* L.  
*Bothriochloa intermedia* (R. Br.) A. Camus var.  
*punctata* (Roxb.) Keng  
*B. pertusa* (L.) A. Camus  
*Brachiaria ramosa* (L.) Stapf  
*Capillipedium assimile* (Steud.) A. Camus  
*Chionachne koenigii* (Spr.) Thw.  
*Chloris dolichostachya* Lagasca  
*Chrysopogon serrulatus* Trin.  
*Cynodon dactylon* (L.) Pers.  
*Cyrtococcum accrescens* (Trin.) Stapf  
*Dactyloctenium aegyptium* (L.) P. Beauv.  
*Digitaria longiflora* (Retz.) Pers.  
*Echinochloa colonum* (L.) Link  
*Eragrostis atrovirens* (Desf.) Trin, ex Steud.  
*Erianthus filifolius* Nees ex Steud.  
*Hackelochloa granularis* (L.) O. Ktze.  
*Heteropogon contortus* (L.) P. Beauv.  
*H. melanocarpus* (Ell.) Benth.  
*Isachne miliacea* Roth

SEDGES

*Bulbostylis barbata* (Rottb.) Clarke  
*Carex myosurus* Nees  
*Cyperus compressus* L.  
*C. corymbosus* Rottb.  
*C. haspan* L.  
*C. niveus* Retz.  
*C. pangorei* Rottb.  
*C. pilosus* Vahl  
*C. pumilus* L.  
*C. rotundus* L.  
*Fimbristylis bisumbellata* (Forsk.) Bub.  
*F. dichotoma* (L.) Vahl  
*Lipocarpha chinensis* (Osborne) Kern.  
*Scirpus mucronatus* L.  
*Scleria parvula* Steud.

AQUATIC, WET OR MARSH HERBS

*Bacopa monnieri* (L.) Pennell  
*Cardamine scutata* Thunb.ssp. *flexuosa* (With.)  
 Hara  
*Centella asiatica* (L.) Urban  
*Centipeda minima* (L.) A. Br. & Asch.

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*Cyanotis cristata* (L.) D. Don  
*Hoppea dichotoma* Willd.  
*Ludwigia octovalvis* (Jacq.) Raven  
*Murdannia scapiflora* (Roxb.) Royle  
*Phyla nodiflora* (L.) Greene  
*Potamogeton nodosus* Poir.  
*Ranunculus sceleratus* L.  
*Rotala indica* (Willd.) Koehne  
*R. mexicana* Cham. & Schlecht.  
*R. rotundifolia* Koehne  
*Veronica anagallis-aquatica* L.

WOODY CLIMBERS

*Celastrus paniculatus* Willd.  
*Helinus lanceolatus* Brand.  
*Hiptage benghalensis* (L.) Kurz.  
*Jasminum arborescens* Roxb.  
*J. roxburghianum* Wall. ex DC.  
*Leptadenia reticulata* W. & A.  
*Mucuna nigricans* (Lour.) Steud.  
*Phothos cathcartii* Schott  
*Pueraria tuberosa* (Roxb. ex Willd.) DC.  
*Rhaphidophora glauca* Schott  
*Sabia paniculata* Edgew. ex Hook. f. et T.  
*Tetrastigma campylocarpum* (Kurz.) Planch.  
*Vitis semicordata* Planch.

HERBACEOUS AND SUBWOODY CLIMBERS

*Atylosia mollis* Benth.  
*Cardiospermum halicacabum* L.  
*Dioscorea belophylla* Voigt

*D. bulbifera* L.  
*Diplocyclos palmatus* (L.) Jeffrey  
*Mucuna capitata* W. & A.  
*Piper nigrum* L.  
*Rhynchosia minima* DC.  
*Smilax zeylanica* L.  
*Trichosanthes cucumerina* L.  
*T. dioica* Roxb.

OCCASIONAL EPIPHYTES

*Ficus benamina* L.  
*F. hederacea* Roxb.  
*F. retusa* L.

PARASITES

*Viscum nepalense* Spreng.

FERNS AND FERN-ALLIES

*Ampelopteris prolifera* (Retz.) Copel.  
*Ceratopteris siligiosa* (L.) Copel.  
*Diplazium esculentum* (Retz.) Sw.  
*D. japonicum* (Thunb.) Bedd.  
*Dryopteris crenata* (Forsk.) O. Ktze.  
*D. rampans* (Baker) C. Chr.  
*Nephrodium cucullatum* Baker  
*Psilotum nudum* (L.) Griseb.  
*Pyrrosia flocculosa* (D. Don) Ching  
*Riccia fluitans* L.  
*Selaginella involvens* (Sw.) Spring.  
*S. subdiaphana* (Wall.) Spring.  
*Thelypteris subpubescens* (Bl.) Iwats.

REFERENCES

- JANARDHANAN, K. P. & PRASAD, R. (1975) : On the occurrence of *Ziziphus glaberrima* Sant. in N. India. *J. Bombay nat. Hist. Soc.* 71 (2) : 344.
- & UNIYAL, B. P. (1973) : On the occurrence of *Hypericum japonicum* Thunb. ex Murr. in the Upper Gangetic Plain. *Curr. Sci.* 42 (13) : 478.
- PANT, P. C. (1976) : Plants of Corbett National Park, Uttar Pradesh. *J. Bombay nat. Hist. Soc.* 73 (2) : 287-295.